

C. SPECIFICATIONS & REQUIREMENTS

C.1. Geography Component

C.1.1. Required: State, county and Zip code level workforce data for Oklahoma and all states in the USA

C.1.1.1. The Workforce team requires 2 levels of licensing:

1. Include state, county and zip code level data for Oklahoma and the surrounding states (Oklahoma, Arkansas, Colorado, Kansas, Missouri, New Mexico, and Texas) - Up to 14 local users.

2. "Advanced licenses" that include the state, county and zip code level data for Oklahoma and all states in the USA - (Up to 3 advanced users)

C.1.1.2. The Commerce team requires 1 level of licensing:

1. "Advanced licenses" that include the state, county and zip code level data for Oklahoma and all states in the USA (Up to 9 user plus 2 from partner agencies. Up to 11 total advanced users)

C.1.2. Strongly Preferred: Geographies should be customizable to include user-defined groupings

C.1.3. Preferred: Custom-defined geographies should be available to other users associated with OMES and its buyer

C.2. Industry Component

C.2.1. Required: Industry level information to the six digit NAICS level for job estimates and wage and/or earnings estimates

C.2.2. Required: Industries must be available to be grouped into user-defined sectors/clusters/ecosystems

C.2.3. Strongly Preferred: Industry level information should be available at two-digit NAICS through 6 digit NAICS aggregation for each of the available geographies

C.2.4. Strongly Preferred: Demographic (age, gender, race) information by industry

C.2.5. Strongly Preferred: GDP/Sales/Exports estimates by customizable group industries

C.2.6. Strongly Preferred: Ability to export full datasets of industries with all associated factors

C.2.7. Strongly Preferred: Inclusion of military jobs in workforce count

C.2.8. Preferred: Built-in location quotient tools

C.2.9. Preferred: Unemployment estimates by industry

C.2.10. Preferred: Custom-defined industries should be available to other users associated with the OMES and its buyer

C.3. Occupational Component

C.3.1. Required: Occupational data from major groupings to detailed occupations

C.3.2. Required: Staffing patterns by industry to include estimates of detailed occupations needed by industry; must have the ability to use national staffing patterns and state/local staffing patterns.

C.3.3. Strongly Preferred: Inverse staffing patterns that enable identifying industries that employ a particular occupation

C.3.4. Strongly Preferred: Demographic (age, gender, race) information by occupation

C.3.5. Strongly Preferred: Occupations should be customizable to include user-defined groupings

C.3.6. Strongly Preferred: ability to select and view multiple years of employment and wage associated with occupations

C.3.7. Strongly Preferred: O-NET Occupational information including compatible occupations

C.3.8. Strongly Preferred: Inclusion of military occupations in workforce count

C.3.9. Preferred: Custom-defined occupations should be available to other users associated with OMES and its buyer

C.3.10. Preferred: Unemployment estimates by occupation

C.3.11. Preferred: Estimates of the number of annual openings by occupation

- C.4. Wage/Earnings Component**
 - C.4.1. Required: Estimates of average wages and/or earnings by detailed occupation and by NAICS**
 - C.4.2. Strongly Preferred: Estimates of wages and/or earnings at various percentiles including the median**
 - C.4.3. Strongly Preferred: Annual wages for multiple years**

- C.5. Employment Component**
 - C.5.1. Required: Job counts by industry, occupation and geography must be available**
 - C.5.2. Strongly Preferred: Estimates of counts by year for a range of years in the past and into the future should be available**

- C.6. Education/Skill Component**
 - C.6.1. Required: Typical Educational attainment levels by occupation including doctoral, professional, graduate degrees, Bachelor degree, Associate degree, vocational, high school, and less than high school levels of education**
 - C.6.2. Required: Competencies including Knowledge, Skills and Abilities by occupation**
 - C.6.3. Preferred: Regional completions of a degree or skills program**

- C.7. Tool Interaction Component**
 - C.7.1. Required: Data at any level of customization/compilation should be downloadable into MS Excel**
 - C.7.2. Strongly Preferred: If this is a web-based tool, it should be compatible with common browsers including MS Explorer, Firefox, Chrome and Safari**
 - C.7.3. Strongly Preferred: Ability to filter information displayed by column headings**
 - C.7.4. Strongly Preferred: Ability to customize and export full tables**
 - C.7.5. Strongly Preferred: Ability to generate reports that are both descriptive and visually appealing: summary of data points, graphs**

- C.8. Workforce job posting/opening**
 - C.8.1. Required: Job openings, number of employers, job posting intensity, numbers of predicted completions for comparison to predicted openings (gap analysis)**
 - C.8.2. Strongly Preferred: Number of employees by employer, earnings, required degrees/credentials**
 - C.8.3. Preferred: Job growth, changes in earnings**

- C.9. Other Component**
 - C.9.1. Required: Sources and methodology to produce the estimates should be available and transparent**
 - C.9.2. Required: Training is included in cost and available as needed**
 - C.9.3. Strongly preferred: a Glossary of terms and data source reference citations should be available to evaluate the data**
 - C.9.4. Strongly Preferred: an input-output model**
 - C.9.5. Preferred: An industry supply chain identifying industries that supply a chosen industry**
 - C.9.6. Preferred: A mapping component that displays information on a map or can be downloaded into a format that can be accepted by mapping software**
 - C.9.7. Preferred: An estimate of sales/output by industry, and exports (sales going outside counties in select region)**
 - C.9.8. Preferred: Service-disabled veteran business as defined in 74 O.S. §85.44E**